AMENDMENTS TO THE CLAIMS

1.-189. (Cancel)

190. (Currently Amended) A kit comprising amplifiable DNA, wherein said DNA is prepared by the method ~~of claim 1~~ comprising:

a) obtaining a DNA sample comprising DNA molecules having regions to be amplified;

b) attaching upstream adaptor molecules to ends of DNA molecules of the sample to provide a nick translation initiation site;

c) subjecting the DNA molecules to nick translation comprising DNA polymerization and 5′-3′ exonuclease activity to produce nick translate molecules; and

d) attaching downstream adaptor molecules to the nick translate molecules to produce adaptor attached nick translate molecules.

191. (Original) The kit of claim 190, wherein said DNA is genomic DNA.

192. (Currently Amended) The kit of claim 191, wherein said genomic DNA is isolated from a ~~prokaryotic~~ prokaryote.

193. (Currently Amended) The kit of claim 191, wherein said genomic DNA is isolated from a ~~eukaryotic~~ eukaryote.

194. (Original) The kit of claim 191, wherein said genomic DNA is isolated from an animal.

195. (Original) The kit of claim 194, wherein said animal is selected from the group consisting of human, feline, canine, bovine, equine, porcine, caprine, murine, lupine, ranine, piscine and simian

196. (Original) The kit of claim 191, wherein said genomic DNA is isolated from a plant.

197. (Original) The kit of claim 196, wherein said plant is a dicotyledonous plant.

198. (Original) The kit of claim 197, wherein said dicotyledonous plant is selected from the group consisting of tobacco, tomato, potato, sugar beet, pea, carrot, cauliflower, broccoli, soybean, canola, sunflower, alfalfa, cotton and *Arabidopsis*.

199. (Original) The kit of claim 195, wherein said DNA is isolated from a monocotyledonous plant.

200. (Original) The kit of claim 199, wherein said monocotyledonous plant is selected from the group consisting of wheat, maize, rye, rice, turfgrass, oat, barley, sorghum, millet, and sugarcane.

201-272. (Cancel)